



Section E

300 Area Facility Transition

PROJECT MANAGERS

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INTRODUCTION

The 300 Area Facility Transition consists of 324 Facility Safe Shutdown, 327 Facility Safe Shutdown, Miscellaneous Radiological Facilities Deactivation, and Project Management and Support, Project Baseline Summary (PBS) RL-RC06, Work Breakdown Structure (WBS) 3.1.6.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of October 31, 2001. All other information is as of November 23, 2001.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that two milestones (40 percent) were completed on or ahead of schedule and three milestones (60 percent) are on schedule.

NOTABLE ACCOMPLISHMENTS

324 Facility Safe Shutdown — Project staff completed installation of the robot, removed the pipetrench coverblocks and commenced removal and size reduction; the piping and trays were removed. Also, the major truck lock door repairs were completed. The final design review for Spent Nuclear Fuel (SNF) inner canisters and yokes was completed; and four of five ISO container/NAC-1 Casks were shipped to the decontamination contractor.

327 Facility Safe Shutdown — Through effective deployment of minimum safety (min-safe) staff, one legacy waste drum was packaged; a new plug was fabricated and glove bag installed for converting the dry storage cask to support can liner removal; and a bladder can removal tool design was completed. Additionally, 19 of 66 High-Efficiency Particulate Air (HEPA) filters have been tested. The Basis for Interim Operations (BIO) was completed and submitted to RL for approval.

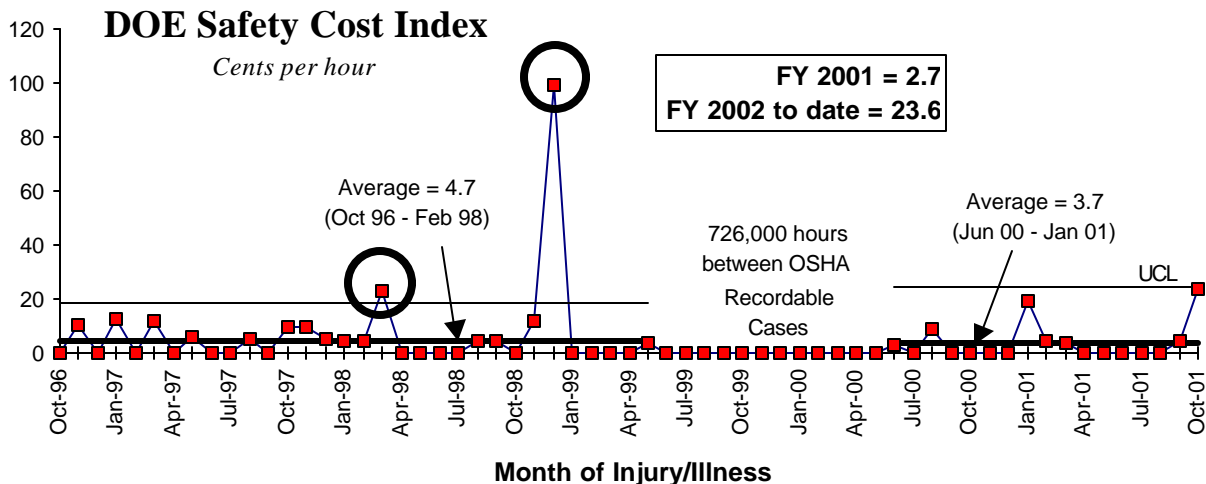
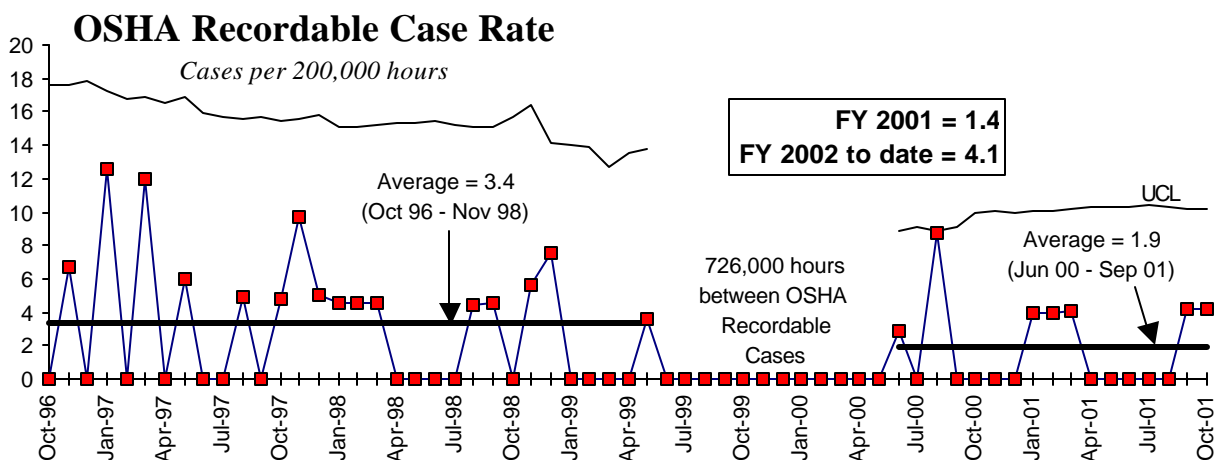
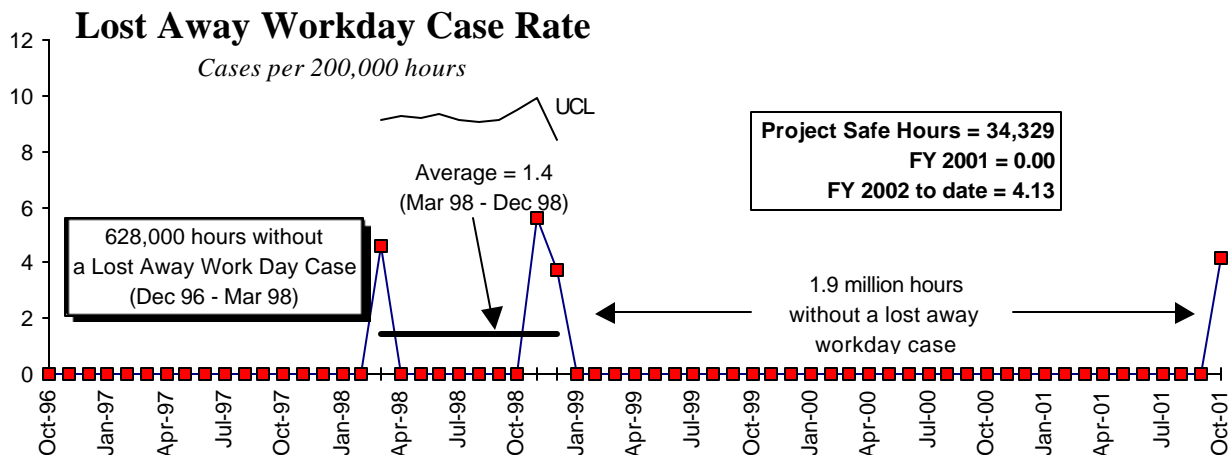
Misc. Radiological Facilities Deactivation — Washington Department of Health (WDOH) approval of revised Notice of Construction (NOC) to allow removal of 303K slab was obtained; the 377 Building NOC was approved by the River Corridor Project (RCP) and transmitted to RL. The Waste Acid Treatment System (WATS) Closure Certification was delivered to RL for approval and submittal to the Washington State Department of Ecology (Ecology).

SAFETY

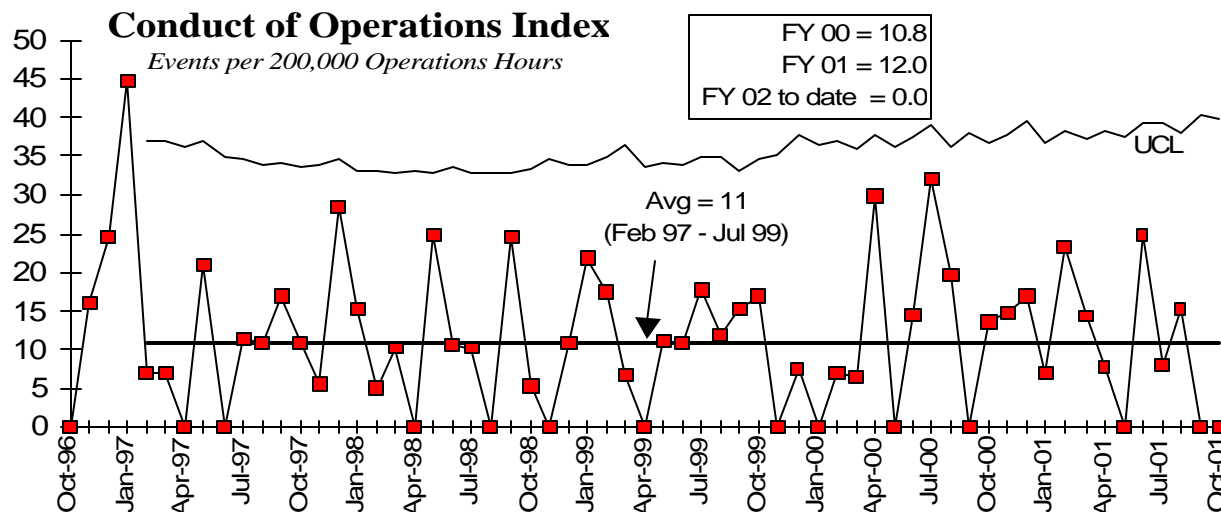
Green

RCP achieved more than 1.9 million safe work hours between Lost Away Workday cases. However on October 9, 2001, a lost workday case occurred causing the safe work hour count to be restarted.

SAFETY (CONTINUED)



CONDUCT OF OPERATIONS



BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Monolithic Removal of 327 Hot Cells — Last year a technical review team found the concept of intact removal of the 327 hot cells to be feasible, to have potentially significant ALARA benefits, and if implemented, will reduce project schedule/cost. Certification that the cells could be disposed of as non-Transuranic waste was a key assumption in that review. The 327 Building Deactivation Project is preparing a characterization strategy to establish the data quality objectives, and to identify techniques for obtaining necessary data to verify the cells as Low Level Waste (LLW). The characterization strategy will be issued in December. In parallel, an Accelerated Site Technology Deployment (ASTD) proposal was submitted to obtain funding (\$935K) to purchase in-situ characterization instruments that will lead to the eventual LLW certification.

Opportunities for Improvement

Conduct of Operations Improvement Initiative - RCP has initiated a Conduct of Operations Improvement Plan to improve organizational performance, and to create a culture change regarding effective implementation of Conduct of Operations principles. The RCP has completed the first three months of the Conduct of Operations Improvement Plan. Each facility and participating organization has spent time reviewing its Conduct of Operations Matrix, identifying areas of improvement and communicating results to the staff. Project directors will provide a summary review of progress to the RCP Vice President at the two-, four-, and six-month milestones. The four-month status meeting is planned for December 6, 2001.

SNF Removal - Thorough and complete planning is needed to prepare for the SNF removal from the 324 B Cell. A significant schedule enhancement effort began on Tuesday, October 30, 2001. Two outside scheduling personnel were obtained to perform a "murder board" of schedule scope and logic in order to develop the necessary schedule detail to efficiently coordinate and manage SNF transfer preparations. An important part of this effort is the development and finalization of the split Readiness Assessment. The effort has made significant progress in the last month and a finalized schedule is estimated to be complete the first week in December.

UPCOMING ACTIVITIES

324 Building — Complete 26.5 percent remaining 324/327 deactivation scope by June 20, 2002

324 SNF Transfer — Submit NAC-1 Safety Analysis Report for Packaging (SARP) to RL by December 11, 2001.

324 SNF Removal — Submit 324 SNF Readiness Assessment plan of action document by December 14, 2001.

Contract Transition — Support transfer of Bechtel Hanford, Inc. (BHI) Central Plateau scope to FH on June 30, 2002, and FH RCP scope to River Corridor Contract (RCC) on September 30, 2002.

Milestone Achievement FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-92-14	Complete Removal and Transfer, and Initiate Storage of Phase I 300 Area SCW and Materials	TPA	9/30/02	3/28/00		Complete
TRP-02-700	Complete > 26.5% Remaining 324/327 Deactivation LC Scope	PI	6/30/02		6/30/02	Activities are on schedule
TRP-01-202	Demolition of 377 Building	PI	6/30/02		6/30/02	Activities are on hold pending final FY02 funding allocations
TRP-02-701	Support RCP Contract Transition Plan	PI	6/30/02		6/30/02	Activities are on schedule
M-92-15	Complete Removal and Transfer, and Initiate Storage of Phase I 300 Area SCW and Materials	TPA	9/30/04	7/18/01		* Completed

* Pending acceptance by Ecology.

PERFORMANCE OBJECTIVES

Outcomes

Performance Indicator

Status

Restore the River
Corridor for Multiple
Uses

FHI-M8 – 300 Area Cleanup

Measure 1: Accelerate 300 Area Cleanup

Expectation 1: Deactivate 324/327

Buildings

Base: Complete 26.5% remaining 324/327-baseline work by June 30, 2002.

Base: Complete B Cell cleanout and shipment of B Cell waste to 200 Area Burial Grounds.

Stretch: Complete additional 2.5% remaining 324/327-baseline work.

Of the remaining life-cycle work scope, 18.1 percent was completed during the period of October 2000 through October 2001. Complete.

As of October 31, 2001, the subproject completed an additional 1.1 percent (\$2.02M) toward the stretch goal.

Expectation 2: Disposition surplus facilities

Base: Disposition 3902A, 3802B & 303-K by September 30, 2001.

Stretch: Disposition 377 Bldg. by June 30, 2002.

Complete.

Waste disposition planning has begun with the LLBG. A NOC with the WDOH has been sent to RL for approval and transmitted to WDOH. Engineering for building deconstruction has been initiated.

Complete.

Expectation 3: Disposition uranium billets, uranium dioxide, scrap materials in 200/300 Areas, and 303-K thorium-232 by September 30, 2001.

Measure 2: Support RCP Contract Transition

Expectation 1:

Stretch: Support RCP contract transition by July 1, 2002.

A draft transition plan has been prepared.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

Sub-Project		FISCAL YEAR TO DATE						
		BCWS	BCWP	ACWP	SV	%	CV	%
PBS RC06 WBS 3.1.6.1	324 Facility Safe Shutdown	1,790	1,708	1,384	(82)	-5%	324	19%
PBS RC06 WBS 3.1.6.2	327 Facility Safe Shutdown	416	375	329	(42)	-10%	46	12%
PBS RC06 WBS 3.1.6.3	Misc. Radiological Facilities Deactivation	281	202	133	(79)	-28%	70	34%
PBS RC06 WBS 3.1.6.4	300 Area Facilities Project Management	614	573	489	(41)	-7%	84	15%
Total River Corridor Project		3,101	2,857	2,334	(244)	-8%	523	18%

FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of \$0.2M (8 percent) is within the established thresholds. The favorable cost variance of \$0.5M (18 percent) was primarily due to fiscal year startup anomalies, i.e. FY01 accrual reversals.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.2M)

327 Facility Safe Shutdown — 3.1.6.2/RC06

Description and Cause: The unfavorable schedule variance was due to delays with the Liquid Waste Handling System (LWHS) work scope and the Deactivation Hazard Assessment Engineering Studies.

Impact: No impact.

Corrective Action: Consistent with the 2012 plan that describes a change in approach to deactivation of the 327 Facility, the LWHS work scope is being re-evaluated to determine its applicability in the revised deactivation process. The LWHS work scope will either be deferred or replaced with substitute deactivation scope, pending results of studies being performed to determine the revisions to the deactivation end-point. Deferral and or deletion of portions of this scope will not impact the critical path to completion of the sub-project.

Misc. Radiological Facilities Deactivation — 3.1.6.3/RC06

Description and Cause: The unfavorable schedule variance was due to delays with the 377 Building demolition work scope.

Impact: No impact.

Corrective Action: No corrective action required.

All other schedule variances are within established thresholds.

Cost Variance Analysis: (+\$0.5M)

324 Facility Safe Shutdown — 3.1.6.1/RC06

Description and Cause: The favorable cost variance was primarily due to fiscal year startup anomalies, i.e. FY01 accrual reversals.

Impact: No impact.

Corrective Action: No corrective action required.

327 Facility Safe Shutdown — 3.1.6.2/RC06

Description and Cause: The favorable cost variance was primarily due to underruns in min-safe activities and fiscal year startup anomalies, i.e. FY01 accrual reversals.

Impact: No impact.

Corrective Action: No corrective action required.

Misc. Radiological Facilities Deactivation — 3.1.6.3/RC06

Description and Cause: The favorable cost variance was primarily due to underruns in min-safe activities and fiscal year startup anomalies, i.e. FY01 accrual reversals.

Impact: No impact.

Corrective Action: No corrective action required.

300 Area Facilities Project Mgt & Support — 3.1.6.4/RC06

Description and Cause: The favorable cost variance was due to primarily due to fiscal year startup anomalies, i.e. FY01 accrual reversals.

Impact: No impact.

Corrective Action: No corrective action required.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

None to report.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
RCP-2002-001	5/24/01	Transfer of PNNL Facilities to Fluor Hanford		\$0	11/28/01	FH Approval Threshold
RCP-2002-002	10/29/01	SC/SS HEPA Filter Testing, CAT II Facilities		\$9		Submitted for consolidated FH review on 11/28/01